

DEPARTMENT OF THE ARMY
U. S. Army Corps of Engineers
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EM 1110-2-2502

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Engineer Manual
No. 1110-2-2502

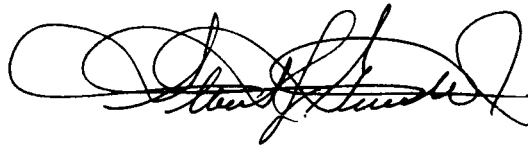
29 September 1989

Engineering and Design
RETAINING AND FLOOD WALLS

1. Purpose. This manual provides guidance for the safe design and economical construction of retaining and flood walls. This manual is intended primarily for retaining walls which will be subjected to hydraulic loadings such as flowing water, submergence, wave action, and spray, exposure to chemically contaminated atmosphere, and/or severe climatic conditions. For the design of retaining walls which will not be subjected to hydraulic loadings or severe environmental conditions as described above, TM 5-818-1 may be used for computing the loadings and evaluating the stability of the structure.

2. Applicability. This manual applies to all HQUSACE/OCE elements and field operating activities having responsibilities for the design of civil works projects.

FOR THE COMMANDER:



Albert J. Genetti, Jr.
Colonel, Corps of Engineers
Chief of Staff

This manual supersedes EM 1110-2-2501 dated January 1948 and EM 1110-2-2502 dated 29 May 1961.